**Figure S1.** A schematic diagram of the greenhouse structure with experimental layout.

**Figure S2.** Diurnal changes in photosynthetic rate (a), transpiration rate (b) and stomatal conductance (c) in different months in 2018. Note that these variables were measured using the LI-6400XT portable photosynthetic system (Li-Cor, Lincoln, Nebraska, USA) every 2 h on a sunny day per month during June to October, 2018. From plants with sap flow measurements, a total of 8 leaves were randomly marked for these measurements.